C/P 334

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant | : | R.S. Neuwirth et al. |
| Serial No. | : | 242,730 |
| Filed | : | September 9, 1988 |
| For | : | INTRAUTERINE CAUTERIZING APPARATUS AND METHOD |
| Examiner | : | To Be Assigned |
| Art Unit | : | 334 |



Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§1.56, 1.97 AND 1.98

S I R :

Applicant submits herewith PTO Form 1449 listing patents relating to methods and apparatus for the thermal treatment of body cavities. A copy of each reference is enclosed.

United States Patent No. 2,734,508, dated February 14, 1956, is directed to a "Therapeutic Apparatus for Applying Dry Heat to Body Cavities". The apparatus comprises a balloon mounted on the end of a tube in an airtight configuration and means for heating and inflating the balloon comprising an external hot air blower circulating air throughout the apparatus. The apparatus also includes a thermometer, allowing measurement of the air temperature, mounted at the opening of the balloon.

United States Patent No. 2,077,453, dated April 20, 1937, is directed to a "Therapeutic Appliance". The apparatus provides for the the circulation of heated fluids through the

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Date May 10, 1989 Atty's Reg. # 29,770

Atty's Signature

KENYON & KENYON

apparatus and leading to a partially distendable applicator. Distention is limited by an integral rubber web.

United States Patent No. 2,192,768, dated March 5, 1940 is directed to a "Therapeutic Heating Device". The apparatus provides a flexible guide means for introducing an expansible looped tube into proximity with the genito-urinary organs in order that heated water may be circulated and the organs treated with heat.

United States Patent No. 2,466,042, dated April 5, 1949 is directed to an "Internal Heat-Treatment Device". The apparatus comprises an inflatable bag attached to a flexible water input tube and an output tube allowing the circulation of water through the apparatus. Inflation of the bag is assured by the input tube having a greater diameter than the output tube.

United States Patent No. 3,369,549, dated February 20, 1988 is directed to a "Capsule Probe Having Thermoelectric Heat Exchange Means Therein". The apparatus comprises a capsule probe which is heated or cooled by means of thermocouples located within the probe. The apparatus may also be provided with a flexible sheath that might be filled with a heat transferring fluid thereby causing distension of the bladder.

United States Patent No. 3,924,628, dated December 9, 1975, is directed to a "Cryogenic Bladder for Necrosing Tissue Cells". The method of the invention comprises filling an expandable bladder with a fluid at cryogenic temperature in order to subject the area contacted to temperatures sufficiently low to cause coagulation necrosis of the cells.

United States Patent No. 2,777,445, dated January 15, 1957 is directed to an "Electrical Therapeutical Device for Internal Application". The apparatus comprises an electrode

which includes a spark generating means, a spark generative of heat and means for conducting the heat developed by the spark discharge into the hollow interior of the electrode.

When the assigned Examiner takes the above-identified application up for the initial examination, consideration of the attached patents and the above comments is respectfully requested.

Respectfully submitted,

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Dated May 19 1989

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